

<b>FORM PTO-1449</b>  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		<b>ATTY. DOCKET NO.</b> 1-2-0074.8US		<b>SERIAL NO.</b> <del>Not Yet Known</del> 10/35,229	
		<b>APPLICANT</b> Donald L. Schilling			
		<b>FILING DATE</b> <del>Not Yet Known</del> 12/8/03		<b>GROUP</b> <del>Not Yet Known</del> 287b	

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE						
AS	AA* 3 5 8 1 0 1 9	05/1971	Ryan									
	AB* 4 6 8 0 7 8 5	07/1987	Akiyama et al.									
	AC* 4 7 0 6 2 7 5	11/1987	Kamil									
	AD* 4 7 3 4 9 2 8	03/1988	Weiner et al.									
	AE* 4 7 5 7 1 8 6	07/1988	Heberle et al.									
	AF* 4 7 5 9 0 5 6	07/1988	Akiyama									
	AG* 4 7 6 3 3 5 4	08/1988	Fukushima et al.									
	AH* 4 7 8 2 2 1 7	11/1988	Soza et al.									
	AI* 4 7 9 5 8 9 2	01/1989	Gilmore et al.									
	AJ* 4 8 3 3 7 0 2	05/1989	Shitara et al.									
	AK* 4 8 4 5 7 4 0	07/1989	Tokuyama et al.									
AS	AL* 4 8 6 0 3 4 1	08/1989	D'Avello et al.									

FOREIGN PATENT DOCUMENTS												
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION							
AM* 0 2 4 4 1 6 4	10/1986	Japan			YES	NO						
AN* 0 2 7 6 4 0 3	08/1988	Europe										
AO* 0 0 4 4 6 6 2	02/1989	Japan										

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

<b>EXAMINER</b> 	<b>DATE CONSIDERED</b> 4/15/05
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		<b>APPLICANT</b> Donald L. Schilling			
		<b>FILING DATE</b> Not Yet Known		<b>GROUP</b> <del>Not Yet Known</del> 2876	

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	AP*	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	8	6	8	8	4	9					
	AP*	4	8	6	8	8	4	9	09/1989	Tamaoki			
	AQ*	4	8	7	9	7	4	4	11/1989	Tasaki et al.			
	AR*	4	8	9	1	5	0	3	01/1990	Jewell			
	AS*	4	8	9	7	8	7	0	01/1990	Golden			
	AT*	4	9	0	7	2	5	7	03/1990	Asano et al.			
	AU*	5	0	0	3	5	8	5	03/1991	Richer			
	AV*	5	1	0	9	5	4	0	04/1992	Dzung et al.			
	AW*	5	1	3	8	6	4	8	08/1992	Palomeque et al.			
	AX*	5	1	4	8	6	5	0	08/1992	Stahl et al.			
	AY*	5	1	4	6	2	1	7	09/1992	Homes et al.			
	AZ*	5	1	4	8	4	7	2	09/1992	Freese et al.			
	BA*	5	1	7	3	9	3	6	12/1992	Ditzig et al.			

FOREIGN PATENT DOCUMENTS														
EXAMINER INITIAL	BB*	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		0	0	8	0	7	1	7					YES	NO
	BB*	0	0	8	0	7	1	7	04/1991	Japan				
	BC*	08	13	0	5	9	2	A	05/1996	Japan				
	BD*	0	9	0	1	85	84	A	01/1997	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

<b>EXAMINER</b> 	<b>DATE CONSIDERED</b> 4/15/05
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										<b>APPLICANT</b> Donald L. Schilling				
										<b>FILING DATE</b> Not Yet Known				<b>GROUP</b> <del>Not Yet Known</del> 28576
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FLING DATE IF APPROPRIATE	
	BE*	5	1	7	9	3	7	3	01/1993	John				
	BF*	5	1	9	7	0	9	2	03/1993	Bamburak				
	BG*	5	2	2	0	5	9	3	06/1993	Zicker et al.				
	BH*	5	2	5	1	2	4	8	10/1993	Tokunaga et al.				
	BI*	5	2	6	6	7	8	2	11/1993	Alanara et al.				
	BJ*	5	2	9	7	1	8	9	03/1994	Chabernaude				
	BK*	5	2	9	7	1	9	2	03/1994	Gerszberg				
	BL*	5	3	2	5	4	2	4	06/1994	Grube				
	BM*	5	3	5	9	1	8	2	10/1994	Schilling				
	BN*	5	3	7	1	4	9	3	12/1994	Sharpe et al.				
	BO	5	3	7	1	7	8	5	12/1994	Marcinkiewicz				
	BP*	5	3	9	6	6	5	0	03/1995	Terauchi				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	BQ*	2	2	4	6	2	6	9	01/1992	United Kingdom				
	BR*	5	0	2	4	4	6	A	09/1992	EPO				
	BS*	4	1	1	9	9	2	4A	12/1992	Germany				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
	BT*	Walker, Michael, "Security in Mobile and Cordless Telecommunications" CompEuro '92, 'Computer Systems and Software Engineering', Proceedings, pages 493-496, May 1992.												
	BU*	Arndt, G. et al., "International Standards on Universal Personal Telecommunications: State of the Art and Future Projections", ICUPC '92 Proceedings, 10/1992 pages 03.01/1-03.01/5.												
<b>EXAMINER</b> 										<b>DATE CONSIDERED</b> 4/5/95				

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										<b>APPLICANT</b> Donald L. Schilling				
										<b>FILING DATE</b> Not Yet Known				<b>GROUP</b> <del>Not Yet Known</del> 2876
<b>U.S. PATENT DOCUMENTS</b>														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
41C	BV*	5	4	0	4	5	8	0	04/1995	Simpson et al.				
	BW*	5	5	7	7	1	0	4	11/1996	Knuth et al.				
	BX*	6	0	0	3	7	7	0	12/1999	Schilling				
	BY*	6	0	3	5	0	2	5	03/2000	Hanson				
	BZ*	6	0	9	8	8	7	8	08/2000	Dent et al.				
	CA*	6	1	4	2	3	6	9	11/2000	Jonstromer				
	CB*	6	1	6	4	5	3	1	12/2000	Harris et al.				
41C	CC*	6	1	7	0	7	4	5	01/2001	Schilling				
<b>FOREIGN PATENT DOCUMENTS</b>														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
41C	CD*	3	7	0	2	5	0	9A	08/1998	Germany				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>														
41C	CE*	Jose Luis Zoreda and Jose Manuel Oton, <u>Smart Cards</u> , Artech House, pp. 158-160 and 173-175 (1994).												
41C	CF*	Crump, Jr., Stewart, Phone Service in Airplanes: A High-Flying Idea, Mobile Office, April 1992, pp. 54-68.												
41C	CG*	Snow, Richard "The Future: GSM-features versus the cost (cellular radio)" IEE Colloquium on Mobile Communications, pages 511-513, 1990.												
EXAMINER										DATE CONSIDERED				
[Signature]										4/15/05				

FORM PTO-1449				ATTY. DOCKET NO. I-2-0074.8US		SERIAL NO. 10/730,229	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT Donald L. Schilling			
				FILING DATE December 8, 2003		GROUP <del>2483</del> 2876	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DC		3,581,019	05/1971	Ryan			
		3,784,793	01/1974	Ito et al.			
		4,680,785	07/1987	Akiyama et al.			
		4,706,275	11/1987	Kamil			
		4,734,928	03/1988	Weiner et al.			
		4,757,186	07/1988	Heberle et al.			
		4,759,056	07/1988	Akiyama			
		4,763,354	08/1988	Fukushima et al.			
		4,782,217	11/1988	Soza et al.			
		4,795,892	01/1989	Gilmore et al.			
		4,833,702	05/1989	Shitara et al.			
		4,845,740	07/1989	Tokuyama et al.			
		4,860,341	08/1989	D'Avello et al.			
		4,868,849	09/1989	Tamaoki			
		4,879,744	11/1989	Tasaki et al.			
		4,891,503	01/1990	Jewell			
		4,897,870	01/1990	Golden			
		4,907,257	03/1990	Asano et al.			
		5,003,585	03/1991	Richer			
		5,109,540	04/1992	Dzung et al.			
		5,138,648	08/1992	Palomeque et al.			
		5,148,650	08/1992	Stahl et al.			
		5,146,217	09/1992	Homes et al.			
		5,148,472	09/1992	Freese et al.			
		5,173,936	12/1992	Ditzig et al.			
		5,179,373	01/1993	John			

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 4/1/05
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	<b>APPLICANT</b> Donald L. Schilling	
	<b>FILING DATE</b> December 8, 2003	<b>GROUP</b> <del>2483</del> 2876

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	5,197,092	03/1993	Bamburak			
<i>JS</i>	5,220,593	06/1993	Zicker et al.			
<i>JS</i>	5,251,248	10/1993	Tokunaga et al.			
<i>JS</i>	5,266,782	11/1993	Alanara et al.			
<i>JS</i>	5,297,189	03/1994	Chabernaud			
<i>JS</i>	5,297,192	03/1994	Gerszberg			
<i>JS</i>	5,325,424	06/1994	Grube			
<i>JS</i>	5,359,182	10/1994	Schilling			
<i>JS</i>	5,371,493	12/1994	Sharpe et al.			
<i>JS</i>	5,371,785	12/1994	Marcinkiewicz			
<i>JS</i>	5,396,650	03/1995	Terauchi			
<i>JS</i>	5,404,580	04/1995	Simpson et al.			
<i>JS</i>	5,577,104	11/1996	Knuth et al.			
<i>JS</i>	6,003,770	12/1999	Schilling			
<i>JS</i>	6,035,025	03/2000	Hanson			
<i>JS</i>	6,098,878	08/2000	Dent et al.			
<i>JS</i>	6,142,368	11/2000	Jonstromer			
<i>JS</i>	6,164,531	12/2000	Harris et al.			
<i>JS</i>	6,170,745	01/2001	Schilling			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>JS</i>	0244164	10/1986	JP				
<i>JS</i>	0044662	02/1989	JP				
<i>JS</i>	0080717	04/1991	JP				

<b>EXAMINER</b> <i>James A. Schilling</i>	<b>DATE CONSIDERED</b> 4/11/05
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				<b>APPLICANT</b> Donald L. Schilling			
				<b>FILING DATE</b> December 8, 2003		<b>GROUP</b> 2483 2876	
<b>U.S. PATENT DOCUMENTS</b>							
<b>EXAMINER INITIAL</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE IF APPROPRIATE</b>
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>TRANSLATION</b>
							<b>YES</b> <b>NO</b>
↓		08130592A	05/1996	JP			
↓		09018584A	01/1997	JP			
↓		0276403	08/1988	EP			
↓		502446A	09/1992	EP			
↓		2246269	01/1992	GB			
↓		4119924A	12/1992	DE			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
↓		Walker, "Security in Mobile and Cordless Telecommunications" CompEuro '92, ' Computer Systems and Software Engineering', Proceedings, pages 493-496, May 1992.					
↓		Arndt et al., "International Standards on Universal Personal Telecommunications: State of the Art and Future Projections", ICUPC '92 Proceedings, 10/1992 pages 03.01/1-03.01/5.					
↓		Zoreda et al., <u>Smart Cards</u> , Artech House, pp. 158-160 and 173-175 (1994).					
↓		Crump, Jr., Stewart, Phone Service in Airplanes: A High-Flying Idea, Mobile Office, April 1992, pp. 54-68.					
↓		Snow, Richard "The Future: GSM-features versus the cost (cellular radio)" IEE Colloquium on Mobile Communications, pages 511-513, 1990.					

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		APPLICANT Donald L. Schilling	
		FILING DATE December 8, 2003	GROUP <del>2483</del> 2876
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	!	Mazziotto, "The Subscriber Identity Module for the European Digital Cellular System GSM," Centre National d'Etudes des Télécommunications, France Telecom, France.	
	!	ETSI/TC SMG, "Subscriber Identity Modules, Functional Characteristics," GSM 02.17, Version 3.2.0, February, 1992.	
	!	ETSI TC-SMG, European Telecommunication Standard, "European Digital Cellular Telecommunications System (Phase 2); Subscriber Identity Modules (SIM) Functional Characteristics," European Telecommunications Standards Institute, ETSI Secretariat, F-06921 Sophia Antipolis Cedex France, 1994.	
	/	Work Programme - Work Item Schedule Detailed Report, Work Programme, "Details of GSM 11.11 Work Item Schedule," September 2, 2004.	
	!	GSM 11.11, ETSI PT12, "Specifications of the SIM-ME Interface," July 1994.	

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